CLAIM AMENDMENTS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A method comprising:

querying a file that defines a protocol for which protocol support is to be added to a network traffic tool;

determining from the queried file how packets for the protocols are constructed; and

building a protocol runtime specification based on how packets for the protocol are constructed.

2. (Original) The method of claim 1, wherein the file is written in an Extensible Markup Language (XML).

3. (Original) The method of claim 1, further comprising determining from the file how to display one or more user interface elements.

4. (Original) The method of claim 1, wherein determining from the queried file how packets for the protocol are constructed comprises determining whether there are one or more protocol encapsulations.

5. (Original) The method of claim 1, wherein determining from the queried file how packets for the protocol are constructed comprises determining a field type of one or more fields for the protocol.

6. (Original) The method of claim 1, wherein determining from the queried file how packets for the protocol are constructed comprises determining a field size of one or more fields for the protocol.

7. (Original) The method of claim 1, wherein determining from the queried file how packets for the protocol are constructed comprises determining a default value of one or more fields for the protocol.

8. (Original) The method of claim 1, wherein determining from the queried file how packets for the protocol are constructed comprises determining whether there is a calculation to be performed for one or more fields of the protocol.

9. (Original) An apparatus comprising:

a storage element to store a file that defines a protocol for which protocol support is to be added to a network traffic tool; and

a translation unit coupled to the storage element to query the file to determine how packets for the protocol are constructed and to build a protocol runtime specification for the protocol.

10. (Original) The apparatus of claim 9, further comprising a network interface coupled to the translation unit.

11. (Original) The apparatus of claim 9, wherein the stored file is written in an Extensible Markup Language (XML).

12. (Original) The apparatus of claim 9, wherein the translation unit further determines from the file how to display one or more user interface elements.

13. (Original) An article of manufacture comprising:

a machine accessible medium including content that when accessed by a machine causes the machine to:

query a file that defines a protocol for which protocol support is to be added to a network traffic tool;

determine from the queried file how packets for the protocol are constructed; and

build a protocol runtime specification based on how packets for the protocol are constructed.

14. (Original) The article of manufacture of claim 13, wherein the file is written in an Extensible Markup Language (XML).

15. (Original) The article of manufacture of claim 13, wherein the machine-accessible medium further includes content that causes the machine to determine from the file how to display one or more user interface elements.

16. (Original) The article of manufacture of claim 13, wherein the machine accessible medium including content that when accessed by the machine causes the machine to determine from the queried file how packets for the protocol are constructed comprises the machine accessible medium including content that when accessed by the machine causes the machine to determine whether there are one or more protocol encapsulations.

17. (Original) The article of manufacture of claim 13, wherein the machine accessible medium including content that when accessed by the machine causes the machine to determine from the queried file how packets for the protocol are constructed comprises the machine accessible medium including content that when

accessed by the machine causes the machine to determine a field type of one or more fields for the protocol.

18. (Original) The article of manufacture of claim 13, wherein the machine accessible medium including content that when accessed by the machine causes the machine to determine from the queried file how packets for the protocol are constructed comprises the machine accessible medium including content that when accessed by the machine causes the machine to determine a field size of one or more fields for the protocol.

19. (Original) The article of manufacture of claim 13, wherein the machine accessible medium including content that when accessed by the machine causes the machine to determine from the queried file how packets for the protocol are constructed comprises the machine accessible medium including content that when accessed by the machine causes the machine to determine a default value of one or more fields for the protocol.

20. (Original) The article of manufacture of claim 13, wherein the machine accessible medium including content that when accessed by the machine causes the machine to determine from the queried file how packets for the protocol are constructed comprises the machine accessible medium including content that when accessed by the machine causes the machine to determine whether there is a calculation to be performed for one or more fields of the protocol.

21. (Original) A system comprising:

a storage element to store a file that defines protocol for which protocol support is to be added to a network traffic tool;

a translation unit coupled to the storage element to query the file to determine how packets for the protocol are constructed and to build a protocol runtime specification for the protocol;

a network interface coupled to the translation unit; and

a network driver coupled to the network interface.

22. (Original) The system of claim 21, wherein the stored file is written in an Extensible Markup Language (XML).

23. (Original) The system of claim 21, wherein the translation unit further determines from the file how to display one or more user interface elements.